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29. A method of manufacturing a glazing panel having a solar factor (FS) of less than 70% and a luminous transmittance (TL) of less than 70%, and being comprised of a vitreous substrate and a tin/antimony oxide coating layer provided on the vitreous substrate and having a Sb/Sn molar ratio ranging from 0.01 to 0.5, the method comprising the steps of:

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providing reactants in gaseous phase which comprise tin and antimony compounds, which are present in an amount effective to form the tin/antimony oxide coating layer; and

forming the tin/antimony oxide coating layer pyrolytically on the vitreous substrate from the reactants in gaseous phase to provide the glazing panel having a solar factor (FS) of less than 70% and a luminous transmittance (TL) of less than 70%.

30. The method according to claim 29, wherein the reactants in the gaseous phase comprise a gaseous reactant mixture, and wherein the tin/antimony oxide coating layer is formed pyrolytically on the vitreous substrate by bringing the gaseous reactant mixture comprising a source of antimony and a source of tin into the presence of a heated source of oxygen.

31. The method according to claim 29, further comprising the steps of:  
mixing the reactants in the gaseous phase to provide a gaseous reactant mixture;  
feeding the gaseous reactant mixture to a first nozzle;  
feeding superheated water vapor to a second nozzle; and  
causing the gaseous reactant mixture from the first nozzle to be brought into the presence of the superheated water vapor from the second nozzle so as to form the tin/antimony oxide coating layer on the vitreous substrate.

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32. The method according to claim 29, further comprising the step of depositing at least one intermediate coating layer between the vitreous substrate and the tin/antimony oxide coating layer.

33. The method according to claim 29, further comprising the step of depositing at least one intermediate coating layer between the vitreous substrate and the tin/antimony oxide coating layer, the at least one intermediate coating layer comprising at least one coating layer selected from the group consisting of a haze reducing coating layer and an anti-reflection coating layer.

34. The method according to claim 29, further comprising the step of depositing at least one intermediate coating layer between the vitreous substrate and the tin/antimony oxide coating layer, the at least one intermediate coating layer comprising at least one coating layer selected from the group consisting of a haze reducing coating layer and an anti-reflection coating layer, and being comprised of one of  $\text{SiO}_2$  or  $\text{SiO}_x$ .

35. The method according to claim 29, further comprising the step of depositing at least one additional coating layer comprised of tin oxide doped with fluorine on the tin/antimony oxide coating layer.

36. The method according to claim 29, further comprising the step of depositing at least one additional low-emissivity coating layer on the tin/antimony oxide coating layer from reactants in a gaseous phase.

37. The method according to claim 29, wherein the tin/antimony oxide coating layer has a Sb/Sn molar ratio of at least 0.03.

38. The method according to claim 29, wherein the tin/antimony oxide coating layer has a Sb/Sn molar ratio of at least 0.05.

39. The method according to claim 29, wherein the tin/antimony oxide coating layer has a Sb/Sn molar ratio ranging from 0.05 to 0.15.

40. The method according to claim 29, wherein the tin/antimony oxide coating layer has a Sb/Sn molar ratio ranging between 0.03 and 0.09.

41. The method according to claim 29, wherein the tin/antimony oxide coating layer has a thickness ranging from 100 to 500 nm.

42. The method according to claim 29, wherein the tin/antimony oxide coating layer has a thickness ranging from 250 to 450 nm.

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43. The method according to claim 29, wherein the glazing panel has a solar factor (FS) of less than 60%.

44. The method according to claim 29, wherein the glazing panel has a solar factor (FS) of less than 50%.

45. The method according to claim 29, wherein the glazing panel has a luminous transmittance (TL) of less than 69%.

46. The method according to claim 29, wherein the glazing panel has a luminous transmittance (TL) ranging from 40 to 65%.

47. The method according to claim 29, wherein the vitreous substrate is a clear sheet of glass.

48. The method according to claim 29, wherein the vitreous substrate is a colored sheet of glass.

49. The method according to claim 29, wherein the glazing panel is a monolithic glazing panel.

50. The method according to claim 29, wherein the tin/antimony oxide coating layer is an exposed coating layer.

51. The method according to claim 29, wherein the reactants in gaseous phase which are effective to form the tin/antimony oxide coating layer comprise a source of tin which is monobutyl trichloro tin (MBTC).

52. The method according to claim 29, wherein the reactants in gaseous phase which are effective to form the tin/antimony oxide coating layer comprise a source of antimony which is an organo antimony compound.

53. A method of manufacturing a glazing panel having a solar factor (FS) of less than 70% and being comprised of a vitreous substrate and a tin/antimony oxide coating layer provided on the vitreous substrate and having a Sb/Sn molar ratio ranging from 0.03 to 0.5, the method comprising the step of:

providing reactants in gaseous phase which comprise tin and antimony compounds, which are present in an amount effective to form the tin/antimony oxide coating layer; and

forming the tin/antimony oxide coating layer pyrolytically on the vitreous substrate from the reactants in gaseous phase to provide the glazing panel having a solar factor (FS) of less than 70%.

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54. The method according to claim 53, wherein the reactants in the gaseous phase comprise a gaseous reactant mixture comprising a source of tin and a source of antimony, and wherein the tin/antimony oxide coating layer is formed pyrolytically on the vitreous substrate by bringing the gaseous reactant mixture into the presence of a heated source of oxygen.

55. The method according to claim 53, further comprising the steps of:  
mixing the reagents in the gaseous phase to provide a gaseous reactant mixture;  
feeding the gaseous reactant mixture to a first nozzle;  
feeding superheated water vapor to a second nozzle; and  
causing the gaseous reactant mixture from the first nozzle from the first nozzle to be brought into the presence of the superheated water vapor from the second nozzle so as to form the tin/antimony oxide coating layer on the vitreous substrate.

56. The method according to claim 53, further comprising the step of depositing at least one intermediate coating layer between the vitreous substrate and the tin/antimony oxide coating layer.

57. The method according to claim 53, further comprising the step of depositing at least one intermediate coating layer between the vitreous substrate and the tin/antimony oxide coating layer, the at least one intermediate coating layer comprising at least one coating layer selected from the group consisting of a haze reducing coating layer and an anti-reflection coating layer.

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58. The method according to claim 53, further comprising the step of depositing at least one intermediate coating layer between the vitreous substrate and the tin/antimony oxide coating layer, the at least one intermediate coating layer comprising at least one coating layer selected from the group consisting of a haze reducing coating layer and an anti-reflection coating layer, and being comprised of one of  $\text{SiO}_2$  or  $\text{SiO}_x$ .

59. The method according to claim 53, further comprising the step of depositing at least one additional coating layer comprised of tin oxide doped with fluorine on the tin/antimony oxide coating layer.

60. The method according to claim 53, further comprising the step of depositing at least one additional low-emissivity coating layer on the tin/antimony oxide coating layer from reactants in a gaseous phase.

61. The method according to claim 53, whereby the glazing panel has a luminous transmittance (TL) of less than 70%.

62. The method according to claim 53, wherein the tin/antimony oxide coating layer has a Sb/Sn molar ratio of at least 0.05.

63. The method according to claim 53, wherein the tin/antimony oxide coating layer has a Sb/Sn molar ratio ranging from 0.05 to 0.15.

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64. The method according to claim 53, wherein the tin/antimony oxide coating layer has a Sb/Sn molar ratio ranging from 0.03 to 0.09.

65. The method according to claim 53, wherein the tin/antimony oxide coating layer has a thickness ranging from 100 to 500 nm.

66. The method according to claim 53, wherein the tin/antimony oxide coating layer has a thickness ranging from 250 to 450 nm.

67. The method according to claim 53, wherein the glazing panel has a solar factor (FS) of less than 60%.

68. The method according to claim 53, wherein the glazing panel has a solar factor (FS) of less than 50%.

69. The method according to claim 53, wherein the glazing panel has a luminous transmittance (TL) of less than 69%.

70. The method according to claim 53, wherein the glazing panel has a luminous transmittance (TL) ranging from 40 to 65%.

71. The method according to claim 53, wherein the vitreous substrate is a clear

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sheet of glass.

72. The method according to claim 53, wherein the vitreous substrate is a colored sheet of glass.

73. The method according to claim 53, wherein the glazing panel is a monolithic glazing panel.

74. The method according to claim 53, wherein the tin/antimony oxide coating layer is an exposed coating layer.

75. The method according to claim 53, wherein the reactants in gaseous phase which are effective to form the tin/antimony oxide coating layer comprise a source of tin which is monobutyl trichloro tin (MBTC).

76. The method according to claim 53, wherein the reactants in gaseous phase which are effective to form the tin/antimony oxide coating layer comprise a source of antimony which is an organo antimony compound.

**IN THE ABSTRACT:**

Please delete the present abstract and add the following new abstract:

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